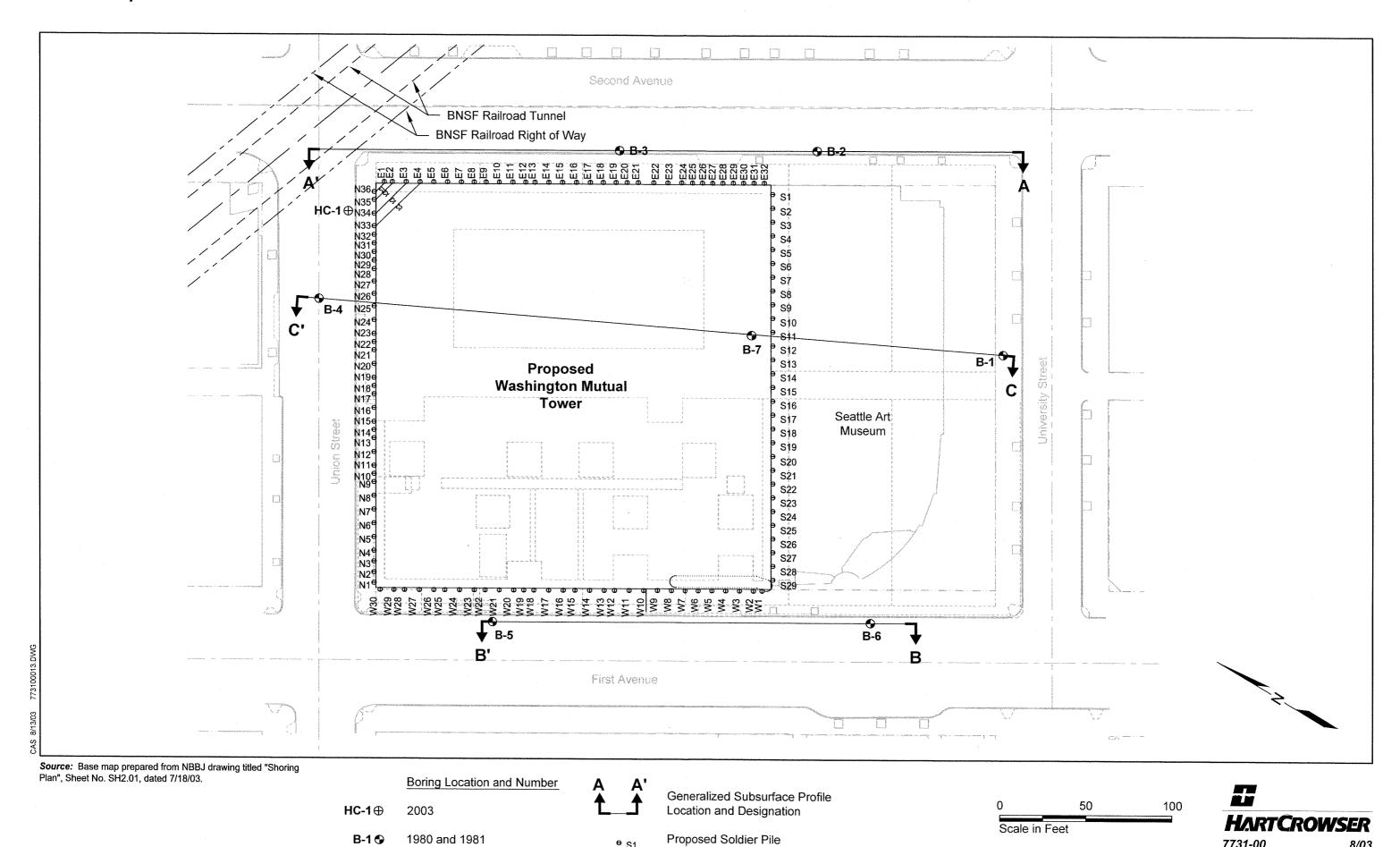
# **APPENDIX B**

Boring Logs and Results of Physical Testing of Soil Samples, Former Arcade Plaza (Excerpts from Hart Crowser 2003b)



ө S1

Location and Number

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Figure 2

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1980 and 1981

B-1 😯

### Key to Exploration Logs

### Sample Description

Classification of soils in this report is based on visual field and laboratory observations which include density/consistency, moisture condition, grain size, and plasticity estimates and should not be construed to imply field nor laboratory testing unless presented herein. Visual-manual classification methods of ASTM D 2488 were used as an identification guide.

Soil descriptions consist of the following:

Density/consistency, moisture, color, minor constituents, MAJOR CONSTITUENT, additional remarks.

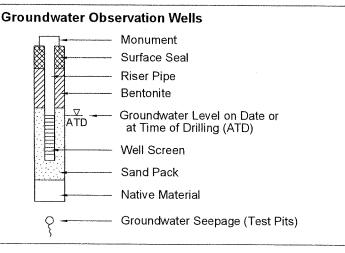
Density/Consiste Soil density/consiste	ncy in borings is related	d primarily to the Standard n and is presented parent	Penetration Resistance.	Soil density/consistency in test
SAND or GRAVEL Density	Standard Penetration Resistance (N) in Blows/Foot	SILT or CLAY Consistency	Standard Penetration Resistance(N) in Blows/Foot	S.  Approximate  Shear Strength in TSF
Very loose	0 - 4	Very soft	0 - 2	<0.125
Loose	4 - 10	Soft	2 - 4	<b>0.125</b> - 0.25
Medium dense	10 - 30	Medium stiff	4 - 8	<b>0.25</b> - 0.5
Dense	<b>30</b> - 50	Stiff	8 - 15	0.5 - 1.0
Very dense	>50	Very stiff	15 - 30	1.0 - 2.0
		Hard	>30	>2.0

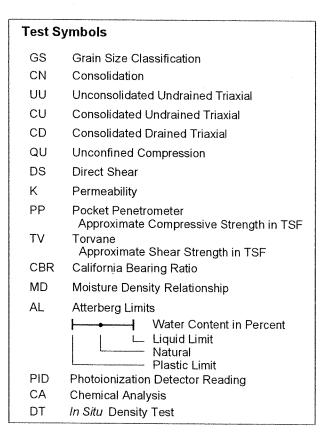
	Moistu	Moisture				
Dry Little perceptible moisture		Little perceptible moisture				
	Damp	Some perceptible moisture, probably below optimum				
	Moist	Probably near optimum moisture content				
	Wet	Much perceptible moisture, probably above optimum				

Minor Constituents	Estimated Percentage		
Not identified in description	0 - 5		
Slightly (clayey, silty, etc.)	5 - 12		
Clayey, silty, sandy, gravelly	12 - 30		
Very (clayey, silty, etc.)	30 - 50		

### Legends

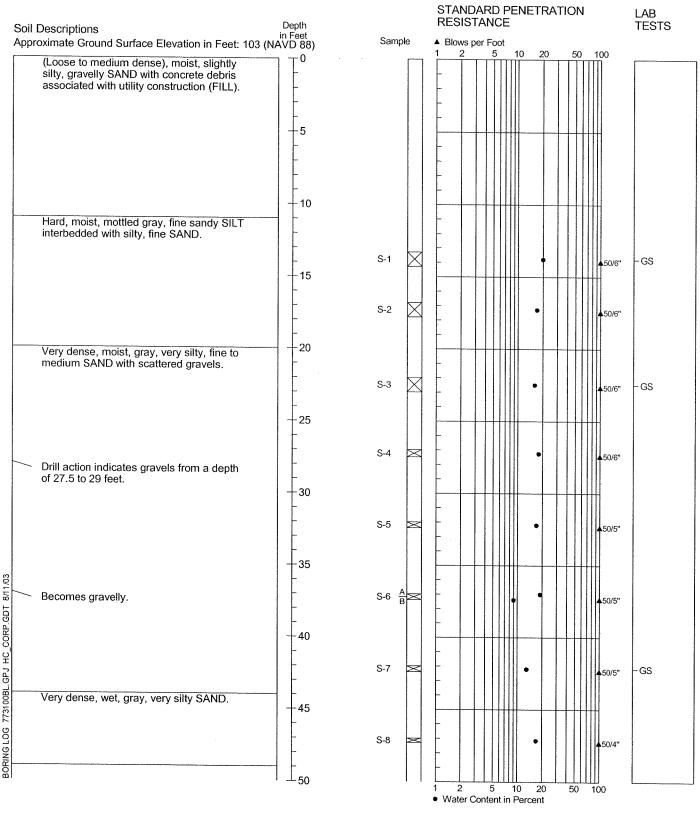
Sampling Test Symbols						
Boring Samples		Test F	Pit Samples			
$\boxtimes$	Split Spoon	$\boxtimes$	Grab (Jar)			
	Shelby Tube		Bag			
	Cuttings		Shelby Tube			
	Core Run					
*	No Sample Recovery					
Р	Tube Pushed, Not Driven		-			







# **Boring Log HC-1**



 Refer to Figure A-1 for explanation of descriptions and symbols.
 Soil descriptions and stratum lines are interpretive and actual changes may be gradual.

3. Groundwater level, if indicated, is at time of drilling (ATD) or for date

specified. Level may vary with time.

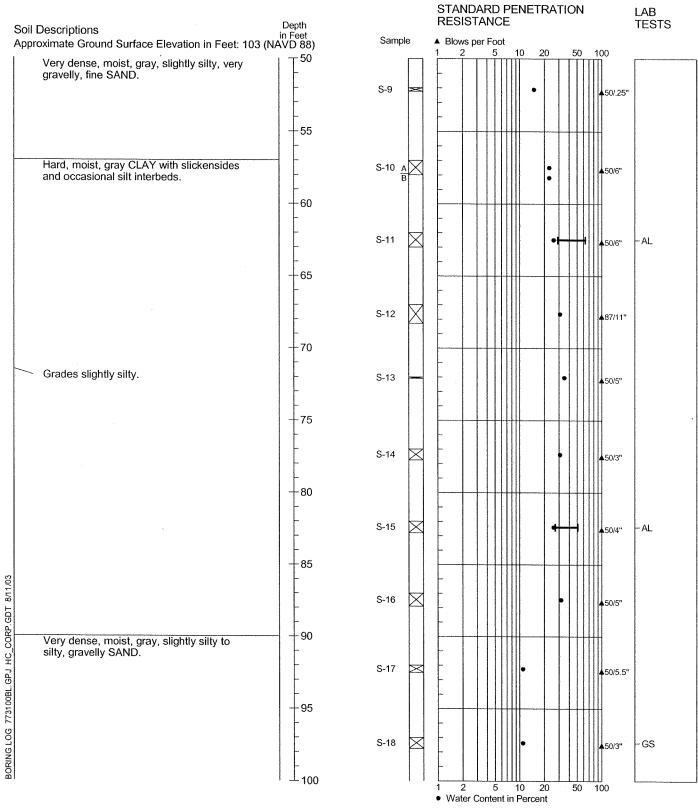


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Figure A-2

# **Boring Log HC-1**





Soil descriptions and stratum lines are interpretive and actual changes may be gradual.



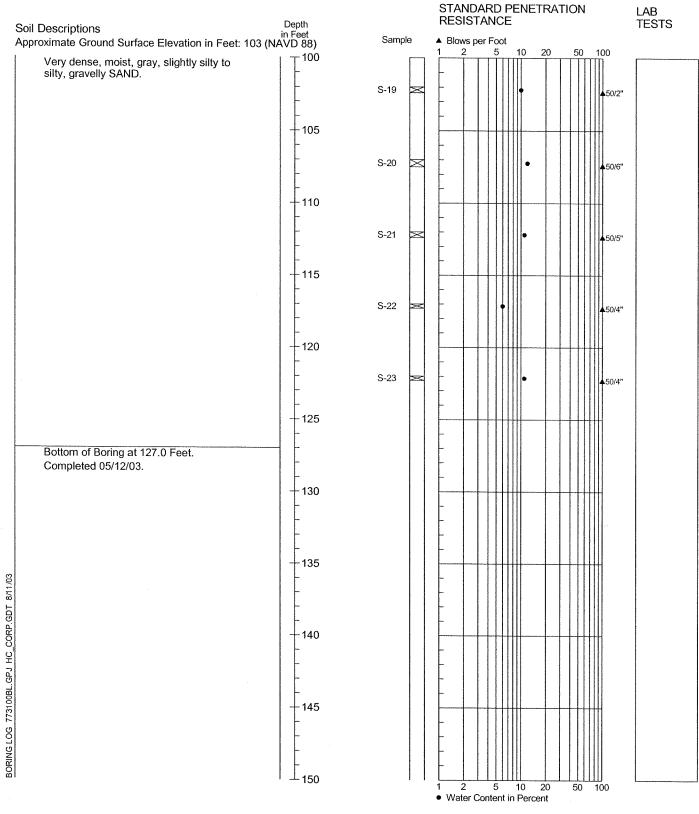
7731

5/03

Figure A-2

Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

# **Boring Log HC-1**





Refer to Figure A-1 for explanation of descriptions and symbols.
 Soil descriptions and stratum lines are interpretive and actual changes may be gradual.

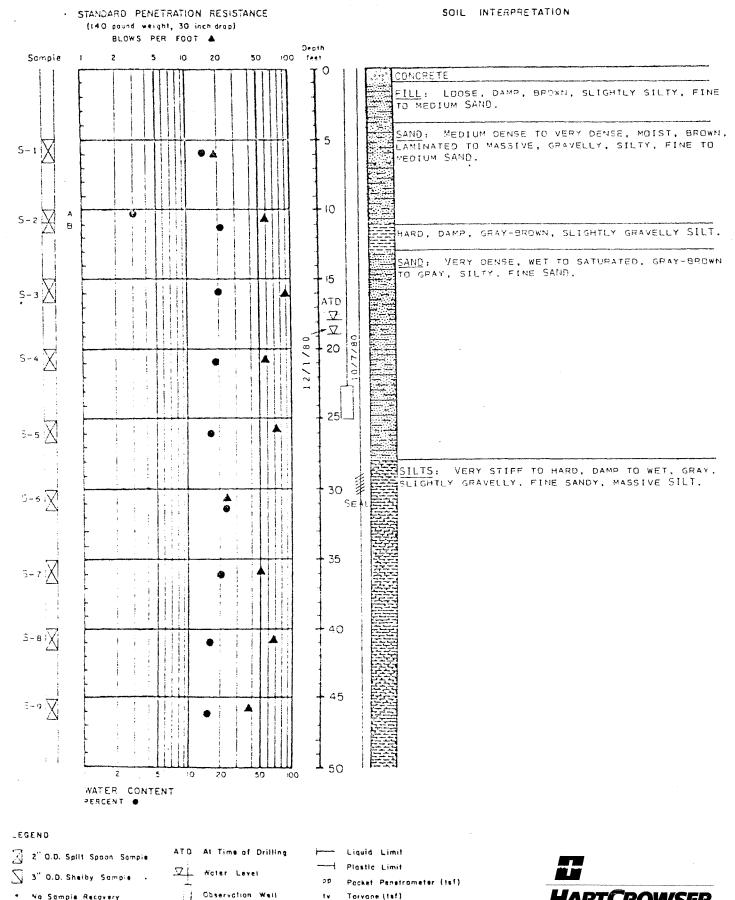


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Figure A-2

<sup>3.</sup> Groundwater level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

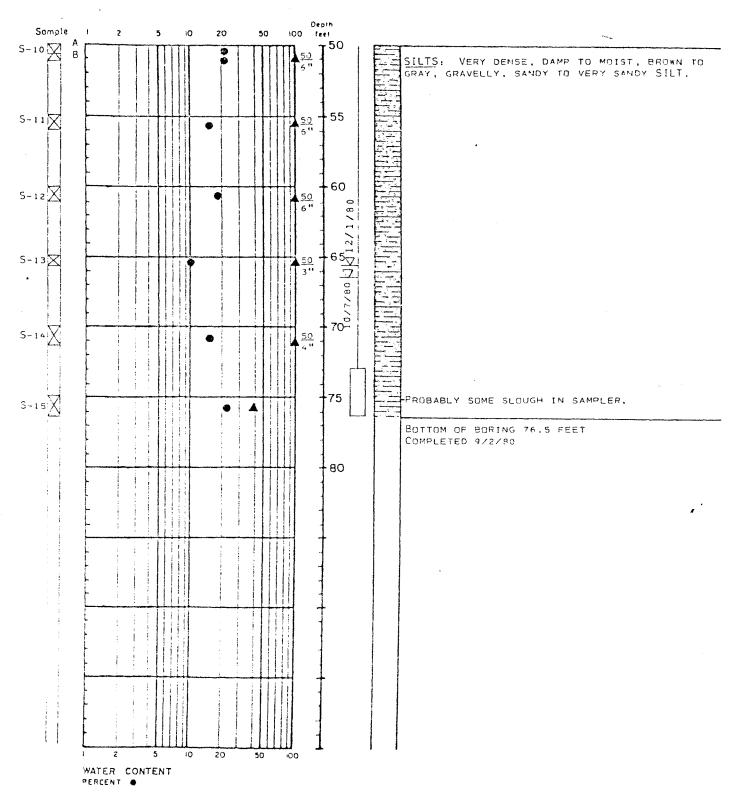


Torvane (1st)

\* No Sample Recovery

MOTE (Soil descriptions are interpretive and actual changes may be gradual.

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LEGEND

2" O.D. Split Spoon Sample
3" O.D. Shelby Sample

pie

ATD At Time of Drilling

-- Liquid Lir

- Plastic Limit

1

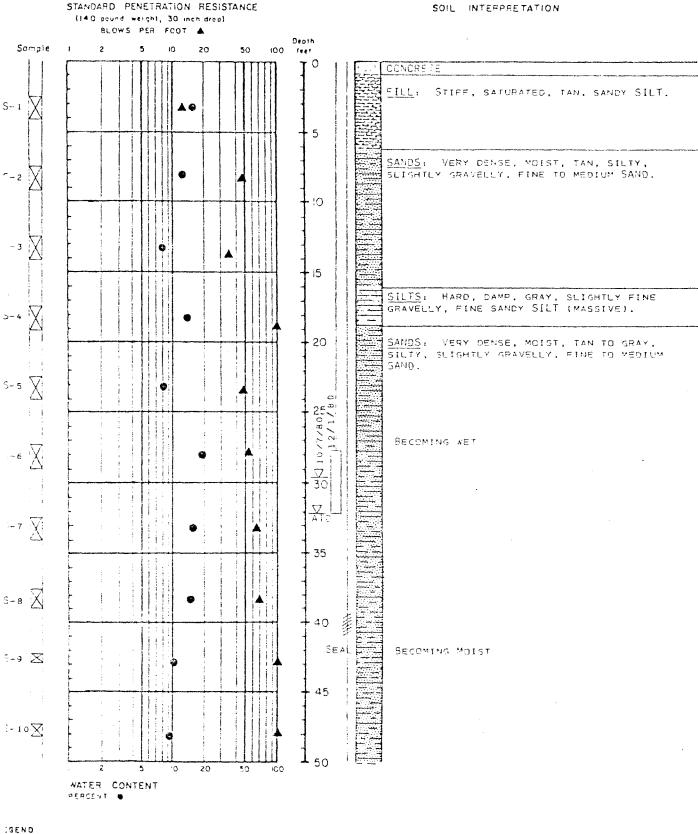
pp Pocket Penetrometer (1sf)

No Sample Recovery Disservation Well tv Torvane (tst)

NOTE: Soil descriptions are interpretive and actual changes may be gradual.

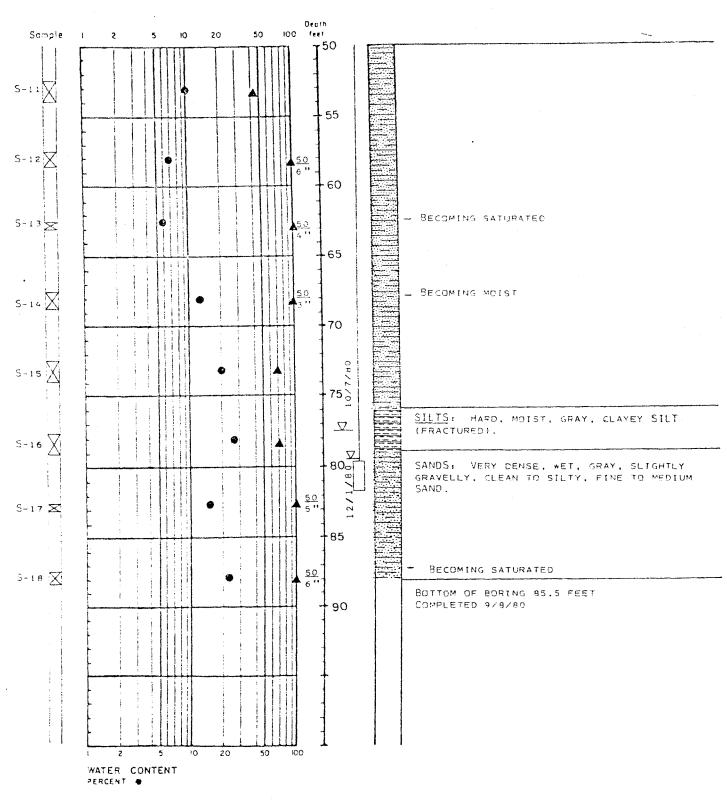
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LEGEND

2" O.D. Spill Spoon Samele

Pocket Penelrameter (taf)

3" O.D. Shelby Sample . No Sample Recovery

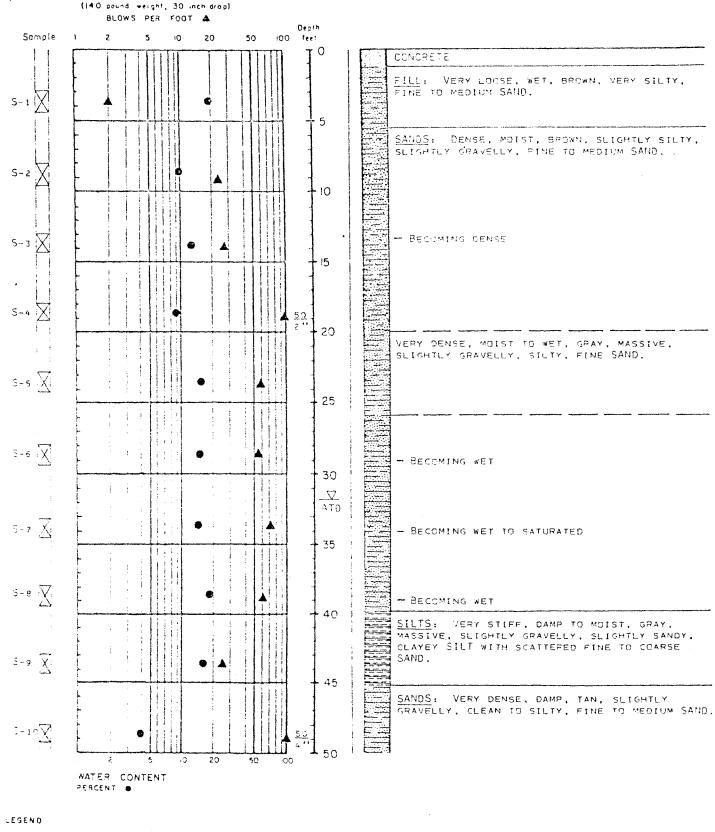
NOTE: Sail descriptions are interpretive and actual changes may be gradual.

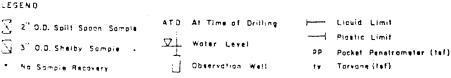


Figure A-4

. STANDARD PENETRATION RESISTANCE

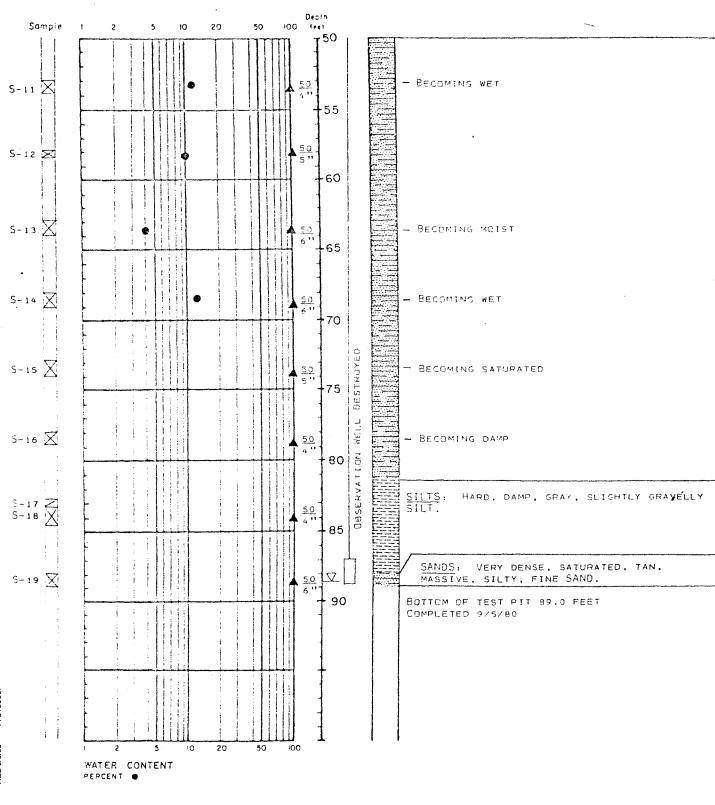






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HEL 8/6/03

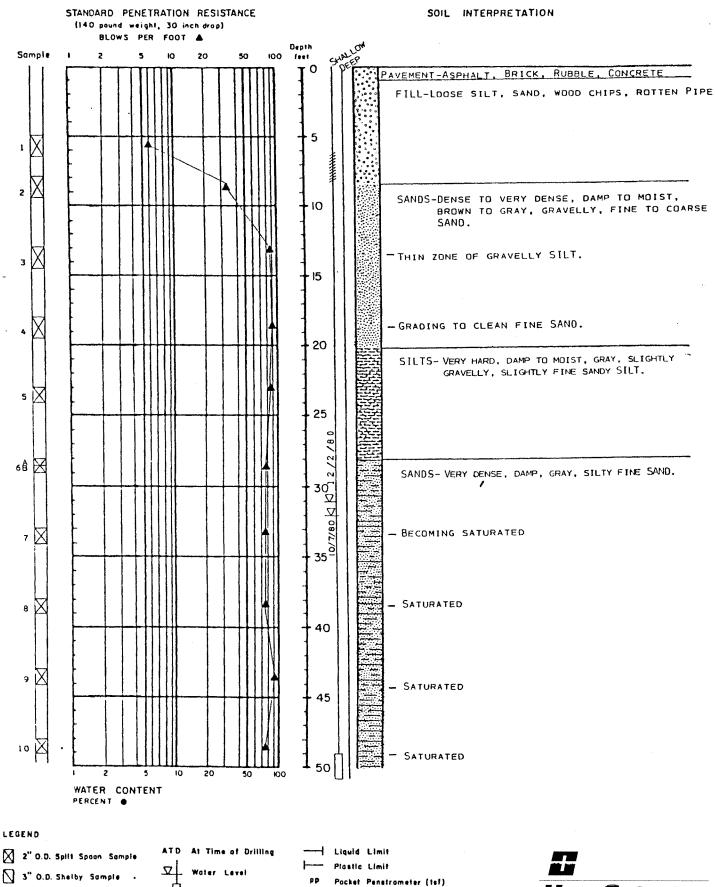


LEGEND

ATD At Time of Drilling Liquid Limit 2" O.D. Spilt Spoon Sampie V 3" O.D. Shelby Sample Pocket Penetrometer (tel) Na Sample Recovery

NOTE: Sail descriptions are interpretive and actual ananges may be gradual.



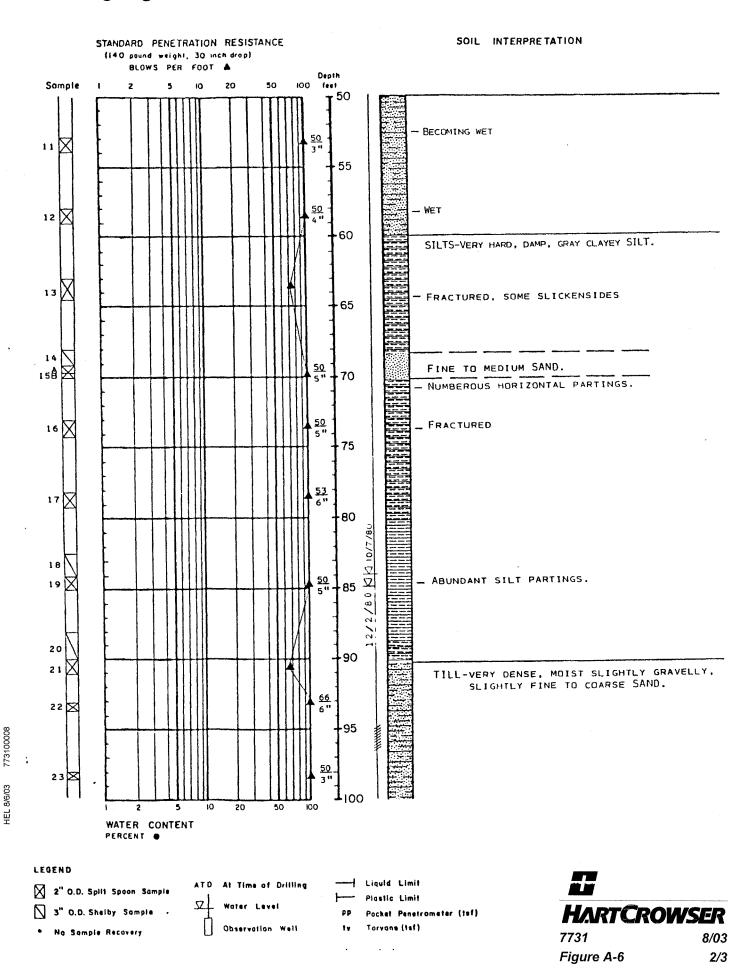


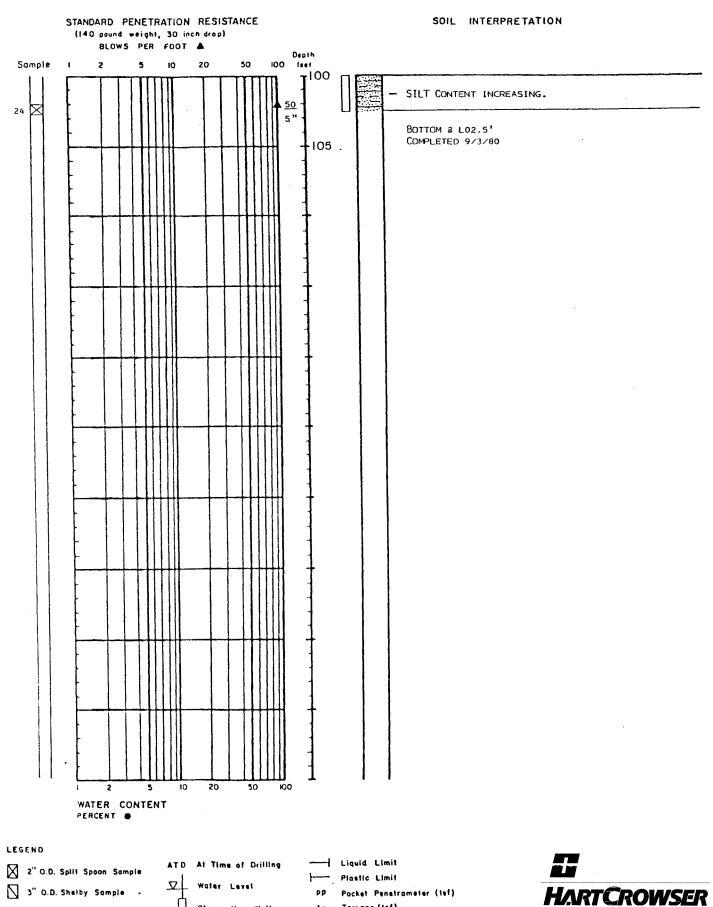
NOTE: Sail descriptions are interpretive and actual changes may be gradual.

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No Sample Recovery







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Figure A-6

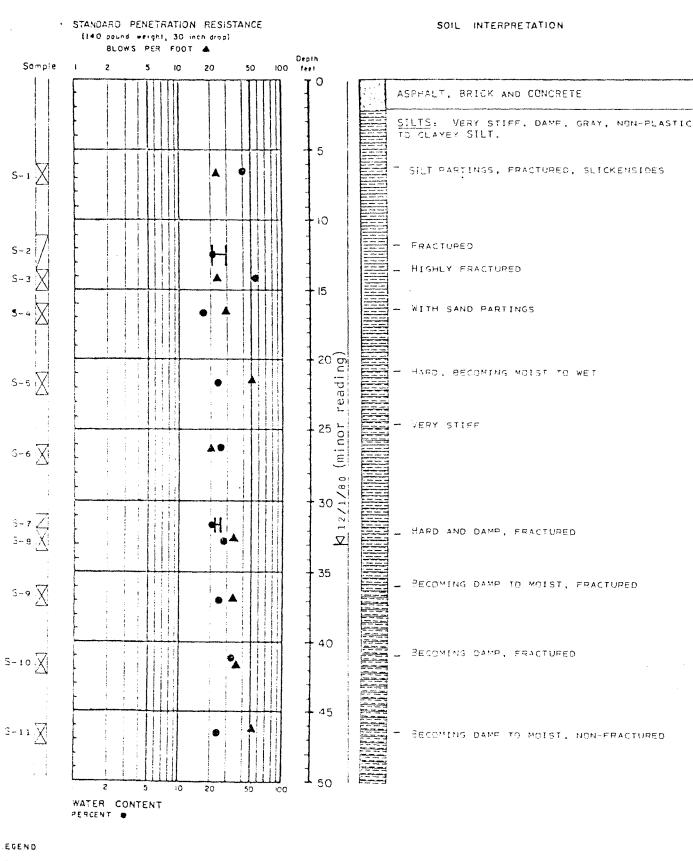
8/03

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No Sample Recovery

NOTE: Soil descriptions are interpretive and actual changes may be gradual.

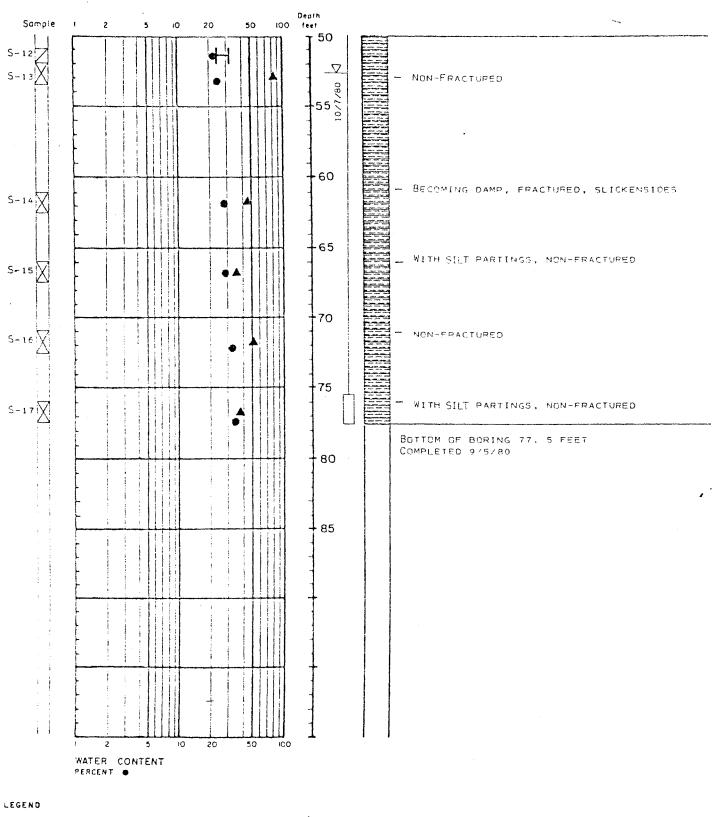
HEL 8/6/03 773100008



ATD At Time of Drilling 2" O.D. Spill Spoon Sample Liquid Limit Plastic Limit 又上 3" O.D. Shelby Sample Pocket Penetrometer (tuf) No Sample Recovery Observation Well

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#### SOIL INTERPRETATION





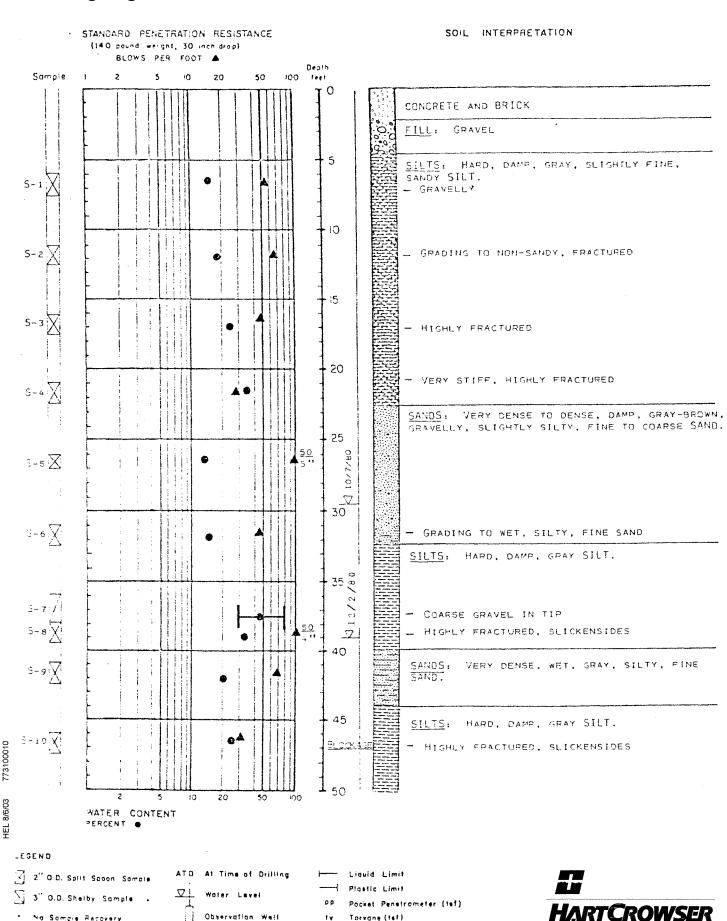
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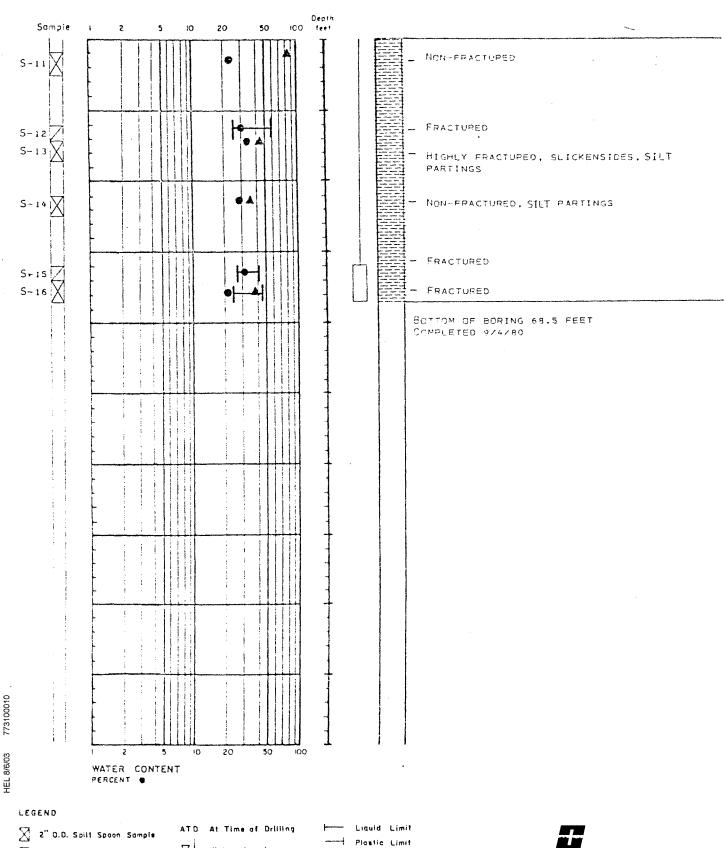
\* No Sample Recovery

Observation Well

NCTE (Soil descriptions are interpretive and actual changes may be gradual.



#### SOIL INTERPRETATION



Pocket Penetrometer (faf)

NOTE: Sail descriptions are interpretive and actual changes may be gradual.

Observation Well

3" O.D. Shelby Sample

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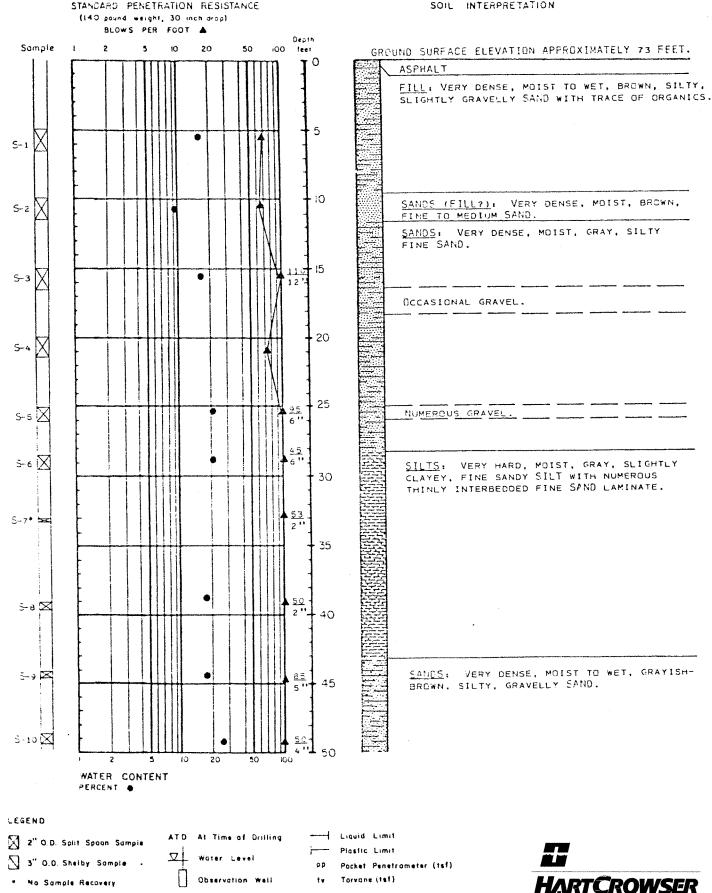
Figure A-8

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NOTE: Soil descriptions are interpretive and actual changes may be gradual.





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